

# APPLICATION

PERCOLATION TESTING

A 56495

F \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525 HELLICOTT MILLS DRIVE, HELICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2240

DISTRICT \_\_\_\_\_

DATE 3-13-96  
3-14-96

TO THE COUNTY HEALTH OFFICER  
HELICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER

Worthington B. Ridgely

ADDRESS

2149 MD RT. 97

PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER

Phoenix Engineering, Inc.

ADDRESS

813 Maiden Choice Lane

PHONE

247-2833

PROPERTY LOCATION

SUBDIVISION

Spring Meadow Farm

LOT NO

4

ROAD AND DESCRIPTION

Maryland RT 97

TAX MAP

14

PARCEL #

36

SIZE OF LOT

1 ac.

TYPE BLDG

Single Family Dwelling  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE

FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO

COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT

Amy J. Rouk

(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_

FOR \_\_\_\_\_

DATE \_\_\_\_\_

DISAPPROVED BY \_\_\_\_\_

FOR \_\_\_\_\_

DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_

DATE \_\_\_\_\_

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_

DATE \_\_\_\_\_

## THIS IS NOT A PERMIT

56495

Spring Meadows Farm 694

COUNTY #

SOIL PROFILE

P42

SIMILAR  
TO P43

ORANGE  
BOTTLES  
BLACK  
BANDS  
BELOW  
5' 6"

CHURCH  
PARKING  
LOT

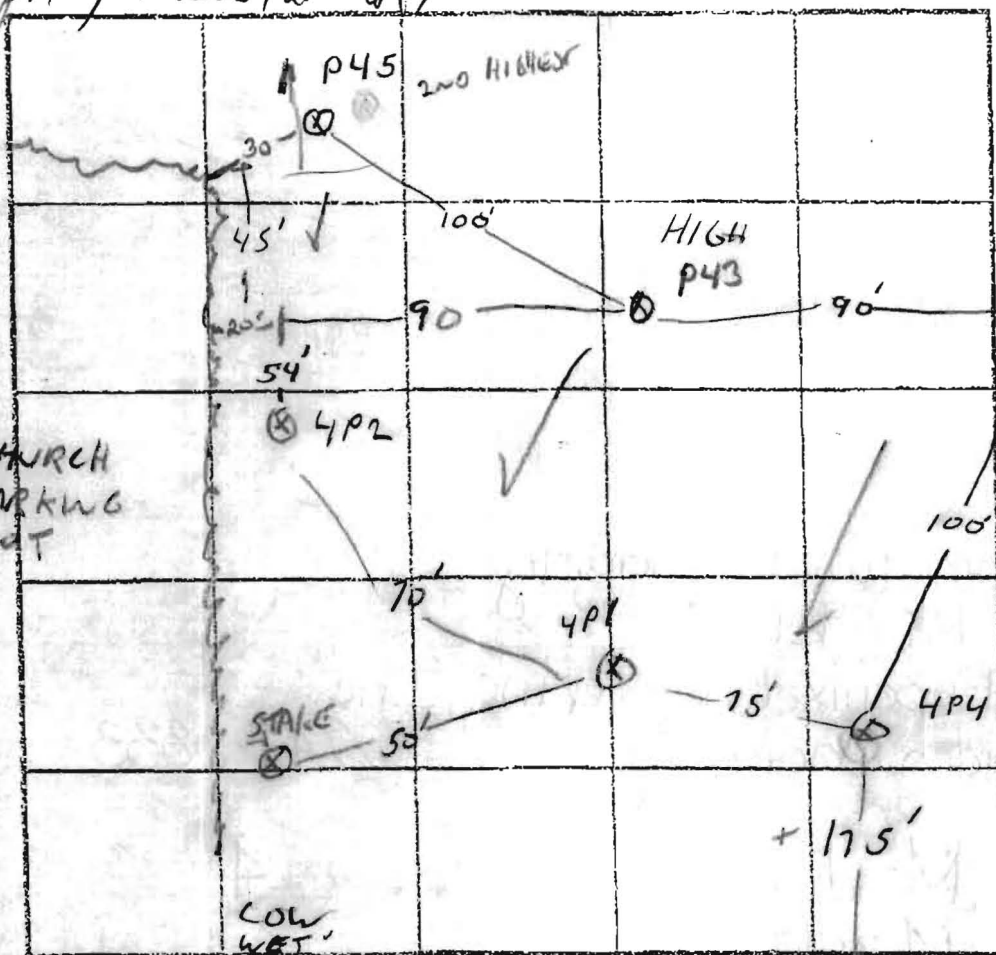
P41

TOPSOIL  
BROWN  
CLAY LOAM

TAN  
SSE

ORANGE  
BOTTLES  
COMMON

LOW CLAY  
+ BOTTLES



SOIL PROFILE

P43

TOPSOIL  
BROWN  
CLAY  
LOAM

TAN SSE

ADJACENT LOT  
CENTER SIDE HOLE

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4-17-96	P43	4' / 11	1:40	1:42	1:42	1:45	3 MIN
		8' 6" / 11	1:41	1:43	1:43	1:46	3 MIN
	4P2	3' / 12	1:57	1:59	1:54	1:56	2 MIN
		7' / 12	1:49	1:51	1:51	1:56	5 MIN
	4P1	4' / 10	1:59	2:04	2:04	2:13	9 MIN
		8' 6" / 10	1:58	2:01	2:01	2:08	7 MIN
	4P4	3' 6" / 11 6"	2:20	2:23	2:23	2:27	5 MIN
		7' 6" / 11 6"	2:23	2:25	2:25	2:28	3 MIN
	4P5	10'	VISUAL, OK				

REMARKS 4P5 - 10' COBBLE

TYPE OF SOIL

TESTED BY G. SAVAGE

ALSO PRESENT AMY ROUCH, WILL HODGINS

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 5 MIN

TRENCH WIDTH 3

INLET DEPTH 3 1/2

MAXIMUM BOTTOM DEPTH 5 1/2

SQ. FT. BEDROOM



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## HOWARD COUNTY HEALTH DEPARTMENT

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*Joyce M. Boyd, M.D., County Health Officer*

May 2, 1996

Ms. Amy Rouk  
Phoenix Engineering, Inc  
817 Maiden Choice Lane  
Baltimore, Maryland 21228

RE: Percolation Test Results  
Application Number: 56495  
Proposed Use: Subdivision  
Property ID: Spring Meadow Farm -  
Proposed Lot 4  
Route 97  
Tax Map: 14 Parcel: 36

Dear Ms. Rouk:

Percolation testing conducted April 17, 1996 on the above referenced property indicated limited satisfactory results. The primary limiting factor is indications of water table encountered in the lower portion of the area tested. It is expected that any design proposal will avoid these areas. Copies of the percolation test results are enclosed.

As with the other proposals for this property, it is requested that a composite site plan be presented so that the relations between the various proposed and existing wells and septics can be properly reviewed.

A Percolation Certification Plan showing the following information should be submitted to this office by a registered engineer:

- Actual locations & elevations of all excavated test holes
- A suitable house site
- A suitable well site
- Locations of existing wells and septics that are on the property
- Show all existing structures on the property
- Locations of existing wells and septics within 100 feet of property boundaries.
- Streams/swales/springs or any other relevant features
- "A" numbers on all proposed and existing septic reserve easements
- Contour lines

May 2, 1996

This plan should be submitted within 60 days to allow field verification if necessary.

Please be advised that proposals for subdivision require a Groundwater Appropriations permit prior to any plat approvals.

If you have any questions regarding this matter, please contact met at the above address or by calling (410) 313-2640.

Very truly yours,



Glen Savage, Sanitarian  
Water and Sewerage Program

GS:jr

Enclosures

cc: Charles E. Wehland, P.A.  
File ✓

wp51\jane\rouk

COORDINATE TABLE		
NO.	NORTH	EAST
1	597,425.3139	1,306,674.0049
2	597,433.8997	1,306,960.4300
3	597,297.6659	1,306,963.6544
4	598,289.2069	1,306,606.2547

#### NOTES:

- THIS PLAT AND THE COORDINATES SHOWN HEREON ARE BASED UPON NAD 83 MARYLAND SYSTEM, AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS 0039 & 14E1.
- THE BOUNDARY SURVEY WAS PERFORMED BY C. BROOKE MILLER IN NOVEMBER, 1994.
- SUBJECT PROPERTY ZONED R-C.
- ALL AREAS SHOWN HAVE BEEN ROUNDED OFF AND ARE MORE OR LESS.
- ALL UTILITY EASEMENTS SHOWN HEREON ARE DESIGNATED AS PUBLIC EASEMENTS, UNLESS OTHERWISE IDENTIFIED AS PRIVATE.
- THE PURPOSE OF THIS PLAT IS TO SUBDIVIDE ONE LOT FROM PARCEL 36 WHILE LEAVING 166± ACRE RESIDUE.
- DRIVEWAYS SHALL BE PROVIDED TO RESIDENTIAL OCCUPANCY TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS: A) WIDTH - 12 FEET (16 FEET SERVING MORE THAN ONE RESIDENCE). B) SURFACE - 6 INCHES OF COMPACTED CRUSHER RUN BASE WITH TAR AND CHIP COATING. C) GEOMETRY - MAXIMUM 15% GRADE, MINIMUM 10% GRADE CHANGE AND MINIMUM 45 FOOT TURNING RADIUS. D) STRUCTURES (CULVERTS/BRIDGES) - CAPABLE OF SUPPORTING 25 GROSS TONS (H25 LOADING). E) DRAINAGE ELEMENTS - CAPABLE OF SAFELY PASSING 100-YEAR FLOOD, WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY SURFACE. F) STRUCTURE CLEARANCES - MINIMUM 12 FEET. G) MAINTENANCE - SUFFICIENT TO INSURE ALL WEATHER USE.
- THE SUBJECT PROPERTY LIES WITHIN THE AGRICULTURAL PRESERVATION DISTRICT AND THIS LOT HAS BEEN CREATED IN ACCORDANCE WITH SECTION 104.E.6 OF THE ZONING REGULATIONS FOR HOWARD COUNTY.
- FOR FLAG OR PIPESTEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PIPESTEM AND THE ROAD RIGHT-OF-WAY LINE ONLY AND NOT ONTO THE FLAG OR PIPESTEM LOT DRIVEWAY.
- THE SEPTIC AREA IS DESIGNATED AS A PRIVATE SEWAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPT. OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA IS RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
- IN ACCORDANCE WITH SECTION 16.1202(b)(1)(vi) OF THE SUBDIVISION REGULATIONS THIS LOT IS EXEMPT FROM THE REQUIREMENTS OF THE FOREST CONSERVATION ACT.
- IN ACCORDANCE THE HOWARD COUNTY DESIGN MANUAL VOLUME 1 - CHAPTER 5 1.2 (b)(1), THIS DEVELOPMENT IS EXEMPT FROM STORMWATER MANAGEMENT REQUIREMENTS.

THE REQUIREMENTS 83-108, THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, 1986 REPLACEMENT VOLUME (AS SUPPLEMENTED) AS FAR AS THEY RELATE TO THE MAKING OF THIS PLAT AND THE SETTING OF MARKERS, HAVE BEEN COMPLIED WITH.

*Brooke Miller* 9/9/96  
SURVEYOR  
C. BROOKE MILLER, P.L.S. #135

*Charles E. Wehland*  
OWNER  
CHARLES E. WEHLAND, P.A.  
ATTORNEY AT LAW

*Richard F. Lindstrom* 9/9/96  
OWNER  
RICHARD F. LINDSTROM  
MERCANTILE - SAFE DEPOSIT AND TRUST CO.

OWNER:  
WORTHINGTON B. RIDGELY, ET UX.  
C/O CHARLES E. WEHLAND, P.A.  
3677 PARK AVENUE  
ELLICOTT CITY, MARYLAND 21043-4586

SITE INFORMATION  
'2149 MARYLAND ROUTE 97'  
ZONING: R-C TAX MAP: 14 PAR: 36  
DEED REF: 2904/237  
DEED ACREAGE: 194.35 AC.

AREA TABULATION	
TOTAL NO. OF LOTS	1
TOTAL AREA OF LOTS	1.0 AC.
AREA OF ROW	0.00 AC.
AREA OF OPEN SPACE	0
TOTAL AREA OF PLAT	1.0 AC.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS IN CONFORMANCE WITH MASTER PLAN OF WATER AND SEWAGE FOR HOWARD COUNTY.

*James M. B... 10-29-96*  
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

*11/1/96*  
CHIEF DEVELOPMENT ENGINEERING M.K. DIVISION DATE

*11/25/96*  
DIRECTOR DATE

#### SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE FINAL PLAT SHOWN HEREON IS CORRECT; THAT IT IS A SUBDIVISION OF PART OF THE LANDS CONVEYED BY WORTHINGTON B. RIDGELY TO WORTHINGTON B. RIDGELY BY DEED DATED MAY 21, 1993 RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN LIBER 2904 AT FOLIO 237, AND THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE, AS SHOWN, IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED.



*Brooke Miller*  
C. BROOKE MILLER, PROPERTY LINE SURVEYOR #135

#### OWNER'S CERTIFICATE

WE, WORTHINGTON B. RIDGELY, BY CHARLES E. WEHLAND, HIS ATTORNEY IN FACT, AND THE ESTATE OF CAROLYN P. RIDGELY, BY CHARLES E. WEHLAND AND RICHARD F. LINDSTROM, PERSONAL REPRESENTATIVES OF THE ESTATE OF CAROLYN P. RIDGELY, OWNERS OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION; AND IN CONSIDERATION OF THE APPROVAL OF THIS PLAT BY THE DEPARTMENT OF PLANNING AND ZONING ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES. ALL EASEMENTS OF RIGHTS-OF-WAY AFFECTING THE PROPERTY ARE INCLUDED IN THIS PLAN OF SUBDIVISION.

WITNESS MY/OUR HAND/S THIS *9/12* DAY OF *September*, 1996.

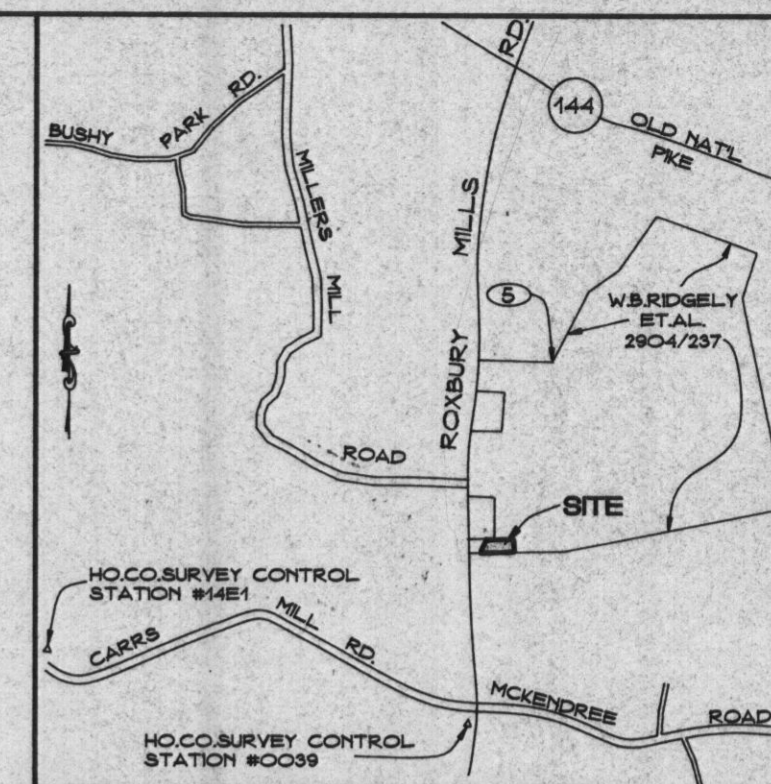
*Charles E. Wehland*  
CHARLES E. WEHLAND, P.A.  
ATTORNEY AT LAW

*Richard F. Lindstrom*  
RICHARD F. LINDSTROM  
MERCANTILE - SAFE DEPOSIT AND TRUST CO.

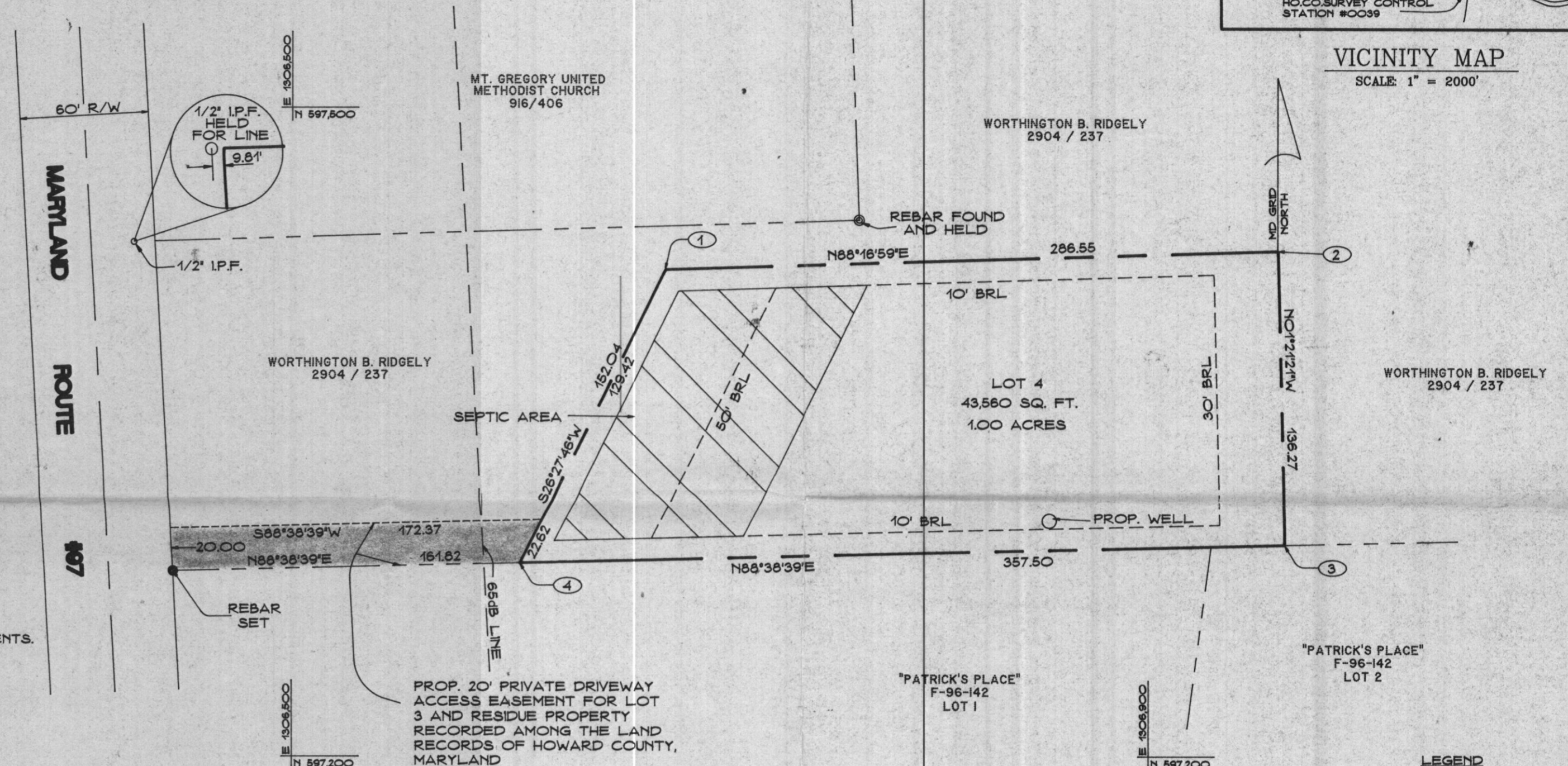
RECORDED AS PLAT NUMBER *12495* ON *10/27*, 1996, AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND

*Signed*  
SPRING MEADOW FARM  
LOT 4

SHEET 1 OF 1  
TAX MAP 14  
4TH ELECTION DISTRICT OF HOWARD COUNTY, MARYLAND  
SCALE: 1" = 50'  
GRID #5  
PARCEL 36  
ZONED R-C  
DATE: SEPTEMBER, 1996



VICINITY MAP  
SCALE: 1" = 2000'



LEGEND  
○ IRON PIPE FOUND  
● REBAR SET

PHOENIX ENGINEERING, INC.  
CONSULTING ENGINEERS  
813 MAIDEN CHOICE LANE, SUITE 300  
BALTIMORE, MARYLAND 21228  
(410) 247-8833 FAX 247-9397



ROUTE # 97  
MARYLAND

MT. GREGORY UNITED  
METHODIST CHURCH  
916/406

THIS AREA IS DESIGNATED AS A PRIVATE SEWAGE  
EASEMENT OF 10,000 SQUARE FEET AS REQUIRED  
BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT  
FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS  
OF ANY NATURE IN THIS AREA IS RESTRICTED UNTIL  
PUBLIC SEWAGE IS AVAILABLE. THIS EASEMENT SHALL  
BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC  
SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER  
SHALL HAVE THE AUTHORITY TO GRANT VARIANCES  
FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE  
EASEMENT. RECORDATION OF A MODIFIED SEWAGE  
EASEMENT SHALL NOT BE NECESSARY.

WORTHINGTON B. RIDGELY  
2904/237

SPRING MEADOW FARM  
PROP. LOT 4  
1.00 AC.

20' PRIVATE  
ACCESS EASEMENT

CLARK  
P/O P.156  
2 OF 2  
233/625

EX. 10,000 SQ. FT.  
SEPTIC AREA

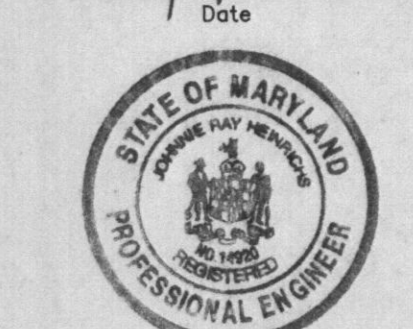
PERC HOLE LEGEND

- PASSED PERC HOLES
- PERC HOLES NOT DUG

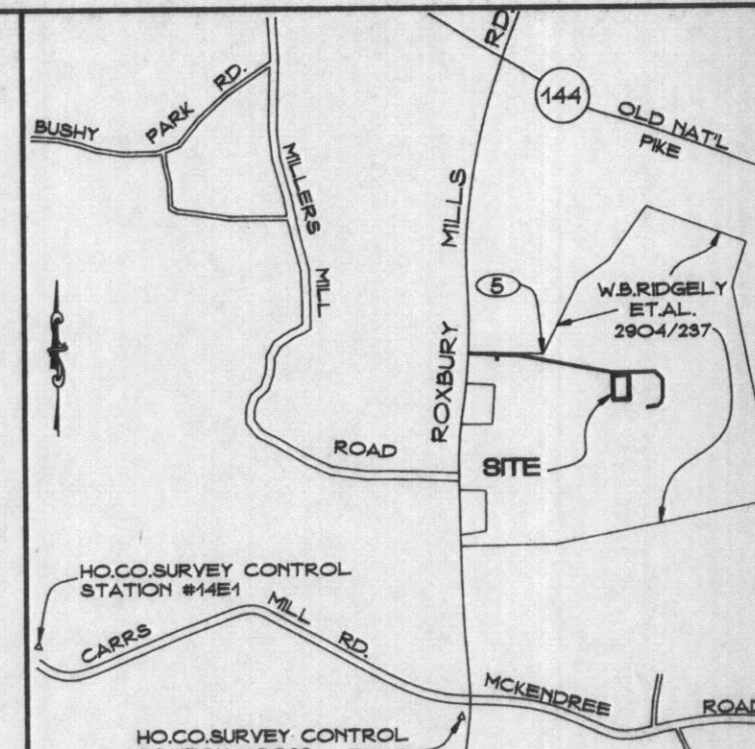
APPROVED FOR PRIVATE WATER AND  
PRIVATE SEPTIC SYSTEM

*James M. Boyd*  
HOWARD COUNTY HEALTH  
OFFICER

5/22/96  
DATE



*John R. Heinrichs*  
JOHN R. HEINRICHS, P.E.  
PROFESSIONAL ENGINEER NO. 14920



VICINITY MAP  
SCALE 1" = 2000'

NOTE:  
THERE ARE NO EXISTING WELL AREAS  
WITHIN 100 FEET OF THE PROPOSED LOTS.

Date	No	Revision Description
OWNER/DEVELOPER:		
WORTHINGTON B. RIDGELY, ET. AL. 2149 MARYLAND ROUTE 97 COOKSVILLE, MARYLAND 21723 L 2904 F 237		
PHOENIX ENGINEERING, INC. CONSULTING ENGINEERS 817 MAIDEN CHOICE LANE, SUITE 300 BALTIMORE, MARYLAND 21228 (410) 247-8833 FAX 247-8987		
AREA 2149 MARYLAND ROUTE 97 COOKSVILLE, MARYLAND TAX MAP 14 PARCEL 36		
TITLE SPRING MEADOW FARM LOT 4 PERCOLATION CERTIFICATION PLAT		
Des By	J.R.H.	Scale 1" = 30'
Drn By	A.J.R.	Date MAY 1996
Chk By	J.R.H.	Approved
Proj No	LOT4PERC.DWG 94-2600	
DRAWING NO	1 OF 1	